

Title (en)
PROPULSIVE WING WITH INFLATABLE ARMATURE

Publication
EP 0202271 B1 19890524 (FR)

Application
EP 85905633 A 19851108

Priority
FR 8417701 A 19841116

Abstract (en)
[origin: WO8602902A1] Very light wing, configured like a spherical gore and intended to the traction and lift of various loads. The wing having a leading edge (1) and a trailing edge (2), is embodied by a inflatable armature (3 and 4) covered by a flexible envelope (5) both in the intrados (I) and in the extrados (S), so arranged as to obtain an aircraft wing profile . Each of its tips (6) receives through an adjusting plate (7) one of its two ends of the control rope (8). Said control rope is passed onto a pulley mounted on the craft to be displaced or to a person through a harness. Due to its simplicity of design and utilization, the wing provides many possible applications of which the most evident are sliding sports, yachting, gliding.

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IPC 8 full level
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CPC (source: EP US)
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FR2762583A1; FR2830840A1; WO03031258A1; DE10018129A1; FR2854869A1

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